UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO.   : 6,940,916

APPLICATION NO.   : 09/771,144

ISSUE DATE   : September 6, 2005

INVENTOR(S)   : Warner et al.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

At column 2, line 8, please delete "J Roome," and insert - - J. Roome, - -, therefor.

At column 2, line 13, please delete "48," and insert - - 46, - -, therefor.

At column 5, line 32, please delete "x(t)y(t) : The "" symbol"

and insert - - $x(t) \otimes y(t)$: The " $\otimes$ " symbol - -, therefor.

At column 15, line 5-11,

please delete "$z(t)=x(t)[h_{am}(t)h_{cm}(t)+h_{bm}(t) +x*(t)[h_{am}(t)h_{dm}(t)+h_{bm}(t)h_{cm}*(t)]$"

and insert - -

$$z(t) = x(t) \otimes [h_{am}(t) \otimes h_{cm}(t) + h_{bm}(t) \otimes h_{dm} * (t)]$$
$$+ x*(t) \otimes [h_{am}(t) \otimes h_{dm}(t) + h_{bm}(t) \otimes h_{cm} * (t)]$$

- -, therefor.

At column 15, line 20,

please delete "$h_{am}(t)h_{dm}(t)+h_{bm}(t)h_{cm}*(t)=0$"

and insert - - $h_{am}(t) \otimes h_{dm}(t) + h_{bm}(t) \otimes h_{cm} * (t) = 0$ - -, therefor.

At column 15, line 34,

please delete "$h_{am}(t)h_{cm}(t)+h_{bm}(t)h_{dm}*(t)=\delta(t)$"

and insert - - $h_{am}(t) \otimes h_{cm}(t) + h_{bm}(t) \otimes h_{dm} * (t) = \delta(t)$ - -, therefor.

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At column 19, line 22-32,

please delete "
$$z(t) = x(t)[h_{ad}(t)h_{cd}(t) + h_{bd}*(t)h_{dd}(t$$
$$+ x*(t)[h_{ad}*(t)h_{dd}(t) + h_{bd}(t)h_{cd}(t)]$$
"

and insert --
$$z(t) = x(t) \otimes [h_{ad}(t) \otimes h_{cd}(t) + h_{bd}*(t) \otimes h_{dd}(t)]$$
$$+ x*(t)[h_{ad}*(t) \otimes h_{dd}(t) + h_{bd}(t) \otimes h_{cd}(t)]$$
--, therefor.

At column 19, line 40,

please delete "$h_{ad}*(t)h_{dd}(t) + h_{bd}(t)h_{cd}(t) = 0$"

and insert -- $h_{ad}*(t) \otimes h_{dd}(t) + h_{bd}(t) \otimes h_{cd}(t) = 0$ --, therefor.

At column 19, line 55-56,

please delete "$h_{ad}(t)h_{cd}(t) + h_{bd}*(t)h_{dd}(t) = \delta(t)$"

and insert -- $h_{ad}(t) \otimes h_{cd}(t) + h_{bd}*(t) \otimes h_{dd}(t) = \delta(t)$ Eq. 10 --, therefor.

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At column 22, line 38, please delete "1114." and insert - - 114. - -, therefor.

At column 23, line 14, please delete "116" and insert - - 116, - -, therefor.

At column 27, line 63, please delete "1910" and insert - - 1910, - -, therefor.

At column 28, line 63,

please delete " $h_{iqd}(t) = \mathrm{Im}[h_{cd}(t) + h_{dd}(t)]$ "

and insert - - $h_{iqd}(t) = \mathrm{Im}[h_{cd}(t) + h_{dd}(t)] = 0$ - -, therefor.

At column 30, line 40, in Claim 2, please delete "sunning" and insert - - summing - -, therefore

At column 30, line 66, in Claim 3, please delete "quadrature phase" and insert - - quadrature–phase - -, therefor.

At column 32, line 17, in Claim 8, please delete "sunning" and insert - - summing - -, therefor.

At column 33, line 42, in Claim 16, please delete "signal" and insert - - signal, - -, therefor.

At column 34, line 2, in Claim 23, please delete "filter" and insert - - further - -, therefor.

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